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Sheet 1 of 5

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office <b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Us Several Sheets If Necessary)	Attv. Docket No. Mo-6790D/LeA 35,220D To be assigned	Serial No. To be assigned
		Applicant Helke Windisch et al	
		Filing Date Herewith	Group 1755

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CA	AA	4,242,232	12/30/80	(Bel. to corresp. to EP Sylvester et al	07,027) 252	429 C	
	AB	4,260,707	04/07/81	(Bel. to corresp. to EP Sylvester et al	07,027) 526	114	
	AC	4,429,089	01/31/84	(Bel. to corresp. to DE Pedretti et al	28,33,721) 526	153	
	AD	4,436,884	03/13/84	(Bel. to corresp. to EP Carbonaro et al	92,271) 526	111	
	AE	4,444,903	04/24/84	(Bel. to corresp. to EP Carbonaro et al	76,535) 502	102	
	AF	4,525,549	06/25/85	(Bel. to corresp. to EP Carbonaro et al	92,270) 526	92	
	AG	4,699,960	10/13/87	(Bel. to corresp. to EP Gordini et al	207,558) 526	81	
	AH	5,627,119	05/06/97	Blagini et al	502	152	
	AI	5,633,353	05/27/97	(Bel. to corresp. to EP Garbassi et al	637,589) 534	15	
	AJ	5,659,101	08/19/97	(Bel. to corresp. to EP Blagini et al	667,357) 585	601	
CA	AK	5,686,371	11/11/97	(Bel. to corresp. to WO Ansell et al	93/05083) 502	102	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
CA	AL	0 431 706	06/12/91	Europe				
	AM	0 298 667	01/11/89	Europe				
	AN	821,971	10/14/59	Great Britain				
CA	AO	1 143 711	03/29/83	(Bel. to corresp. to EP 11,184) Canada				
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CA	AR	Quirk R P et al: "Butadiene polymerization using neodymium versatate-based catalysts: catalyst optimization and effects of water and excess versatic acid" Polymer, Elsevier Science Publishers B. V, GB, Bd. 41, Nr. 15, Juli 2000 (2000-07), Seiten 5903-5908, XP004193905 ISSN:0032-3861. the whole document.
CA	AS	Kroschwitz Jaeline, Howe-Grant Mary: "Kirk Othmer Encyclopedia of Chemical Technology, Vol. 9: Elastomers, synthetic: Polyisoprene", John Wiley & Sons, New York 1994 XP002205150 Seite 1- Seite 9; Tabelle 2.
CA	AT	Journal Of Organometallic Chemistry, 574, (month unavailable) 1999, pp. 40-49, "Catalytic activity of allyl-, azaallyl- and diaza-pentadienyllanthanide complexes for polymerization of methyl methacrylate" by Ihara et al.
EXAMINER		DATE CONSIDERED
alpha AS in vsk		April 11, 2005
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Neither English Language Equivalent nor an English Language Translation is available.

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	AL							
	AM							
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

OA	AR	Macromolecules, (month unavailable) 1995, 28, pp. 7886-7892, "Living Polymerizations and Copolymerizations of Alkyl Acrylates by the Unique Catalysis of Rare Earth Metal Complexes" by Ihara et al.
OA	AS	Prog. Polym. Sci., 25, (month unavailable) 2000, pp. 573-626, "Organo transition metal initiated living polymerizations" by H. Yasuda.
OA	AT	Macromolecules, (month unavailable) 1992, 25, pp. 5115-5116, "New Approach to Block Copolymerizations of Ethylene and Alkyl Methacrylates and Lactones by Unique Catalysis with Organolanthanide Complexes" by H. Yasuda et al.
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Oleg Asinetsky		April 11, 2005
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	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

OA	AR	Z Anal. Chem., 181, (month unavailable) 1961, pp. 229-243, "Beitrag zur infrarotspektroskopischen Simultananalyse" by E. O. Schmalz und W. Kimmer.
OA	AS	Macromolecules, (month unavailable) 1995, 28, pp. 7886-7892, "Living Polymerizations and Copolymerizations of Alkyl Acrylates by the Unique Catalysis of Rare Earth Metal Complexes" by Eiji Ihara et al.
OA	AT	J. Am. Chem. Soc., 114, (month unavailable) 1992, pp. 4908-4910 and Supplementary Materials, "Synthesis of Monodispersed High Molecular Weight Polymers and Isolation of an Organolanthanide (III) Intermediate Coordinated by a Penultimate Poly(MMA) Unit" by Hajime Yasuda et al.
EXAMINER <i>Olga Asinovsky</i>		DATE CONSIDERED <i>April 11, 2005</i>
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OA	AR	Macromolecules, (month unavailable) 1996, 29, pp. 1798-1806, "Organolanthanide-Initiated Living Polymerizations of $\epsilon$ -Caprolactone, $\delta$ -Valerolactone, and $\beta$ -Propiolactone" by M. Yamashita et al.
OA	AS	Macromolecules, (month unavailable) 1993, 26, pp. 7134-7143, Synthesis of High Molecular Weight Poly(methyl Methacrylate) with extremely low Polydispersity by the Unique Function of Organolanthanide (III) Complexes" by H. Yasuda et al.
OA	AT	J. Polym. Sci., Polym. Chem. Ed., 32, (month unavailable) 1994, pp. 597-603, "Ring-Opening Polymerization of $\epsilon$ -Caprolactone Polymerization with Nd(acac) <sub>3</sub> ·3H <sub>2</sub> O-AlEt <sub>3</sub> System" by Z. Shen et al.

EXAMINER

Debra A. Sinner

DATE CONSIDERED

April 11, 2005

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04	AR	Prog. Polym. Sci., Vol. 18, pp. 1097-1139, (month unavailable) 1993, "Characteristics of Rare Earth Systems As Polymerization Initiators" by H. Yasuda and H. Tamai.
	AS	
	AT	
EXAMINER <i>Olga Asinovsky</i> DATE CONSIDERED <i>April 11, 2005</i>		
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